



Center for Education Performance and Information

Line Item Information for the 2005-2006

Graduation/Dropout Review and Comment Application

The state of Michigan has adopted the National Governor's Association (NGA)-recommended methodology for determining the graduation rate; however, Michigan is in transition to using this cohort methodology. Until the transition is completed, the Center for Educational Performance and Information (CEPI) will utilize the same methodology that has been used in previous years to calculate the graduation and dropout rates. For calculating the 2005-2006 school year rates, the graduation rate will still be calculated by multiplying the retention rates for all the graduating classes together. The dropout rate will continue to be calculated by subtracting the school/facility's retention rate from 100 percent.

CEPI will utilize the Web-based Graduation/Dropout Review and Comment Application (GAD) to calculate the graduation and dropout rates. The GAD will be released in late spring for districts and schools/facilities to review their calculated rates and make minimal adjustments based on their most recent knowledge of the students' disposition.

This document is designed to give you some basic background, inform you of system changes and explain each line item of the application and how the students were selected to be included in these categories. Appendix A contains a listing of student mobility categories.

Background

All the data that populated the application were obtained from the Single Record Student Database (SRSD) data that had passed the error check. There were four submission cycles of data used: fall 2005, spring 2006, end-of-year 2006 and fall 2006. In order to calculate the 2005-2006 school year rates, the data should reflect the period from September 28, 2005 (fall 2005 headcount) through September 27, 2006 (fall 2006 headcount).

In order to assist the districts with locating students who would otherwise be counted as "dropouts," CEPI included enhanced processing that the districts cannot perform. Authorized users may update the fall 2005 enrollment, transfers-in, transfers-out, retained-in-grade, fall 2006 enrollment, diploma recipients, General Educational Development (GED) equivalency recipients, and other high school completers data in the application to accurately reflect the students' movements for the 2005-2006 school year. The located students and other calculated fields cannot be updated.

The remainder of this document takes you through each line item and explains the "business rules" that were used to process the SRSD data. The term "unique identification number" (UIC) in this document should be thought of as an individual student record.

2005-2006 Application Changes

- CEPI will automatically calculate rates based the district's 2005-2006 school year SRSD submissions.
- Students with an FTE value greater than or equal to 0.5 will be included.
- Detailed individual student data will be available via links within the application.
- Students who have transferred to another high school within the district will be included in the "transfer-out" line item with an exit code of "19."
- The "expected fall 2006 enrollments" and "dropouts" will be calculated based on gender and race/ethnicity.

- If all schools/facilities within a district have been submitted but the district has not submitted, the district's status will automatically change to submitted once the submission period has ended.

Line 1. Fall 2005 Enrollment (September 28, 2005)

The following are the criteria that a student's record had to meet to be included in any of the graduating classes:

- Field 23: District Exit Status equal to "19" **and**
- Field 19: Grade or Setting equal to "09," "10," "11," or "12" **and**
- Field 30: Student Residency (Membership) not equal to "04," "07," "08" or "15" **and**
- combined general education and special education FTE is greater than or equal to 0.5 (Field 18: FTE, Field 40: FTE in Section 52, and Field 41: FTE in Section 53) **and**
- not an adult education participant (Field 29: Program Eligibility/Participation) **and**
- if a special education student, less than 22 years old as of December 1, 2005 (Field 9: Date of Birth).

This count should reflect the fall 2005 pupil count date September 28, 2005.

In order to eliminate duplicate records within a school/facility, all selected students were sorted by the primary UIC, district code, building code, date of birth, grade (ascending order), date of enrollment (descending order), and the FTE sum (descending order). If two or more records matched, the record with the lowest grade, the most recent enrollment date, and the largest total FTE value was kept.

Transfers

The following are the criteria that were used to determine the student transfer information. Each student who was identified in fall 2005 to be included in the calculations and any new students who met the inclusion criteria (reference fall 2005 enrollment criteria) were tracked from fall 2005 to fall 2006 using the students' primary UICs. The transfer information is presented in three sections: transfers in, transfers out, and the calculation of net transfers.

Line 2. Transfer (net)

The net transfers are calculated by subtracting the total number of students to transfer OUT from the total number of students to transfer IN.

Line 2A. Total number of students to transfer IN (+)

The total number of students considered to transfer IN is the sum of students who transferred in over the Spring 2006, End-of-Year 2006, and Fall 2006 SRSD Submission cycles.

Students are counted as "transfer-in," if they meet any of the following scenarios:

1. they are new enrollees to the public school system; or
2. they transferred from another district between submissions (e.g. between district movement);
or
3. they transferred from another school/facility within the district between submissions (e.g. within district movement); or
4. they transferred from another grade/educational setting within the school/facility between submissions (e.g. within school/facility movement). This would account for mid-year promotions and demotions; however, this does not include normal matriculation.

In order for a student to be considered a "transfer-in" and added to a graduating class, the student has to be in the ninth, 10th, 11th or 12th grade; has to have a combined FTE greater than or equal to 0.5; has to be a public school student; and cannot be an adult education participant (reference fall 2005 criteria). Student records submitted during the end-of-year 2006 submission are flagged for

inclusion; however, the student is not included until the FTE value is checked during the fall 2006 submission.

Line 2B. Total number of students to transfer OUT (-)

The total number of students considered to transfer OUT is the sum of students who transferred out over the Spring 2006, End-of-Year 2006, and Fall 2006 SRSD Submission cycles.

Students are counted as transfers-in for items 2, 3, and 4 (see Line 2A). The total number of students to transfer IN (+) will also be counted as transfers-out of the district that they departed. For example, a student was submitted in Detroit's SRSD fall submission and then during the spring submission, the student's record was submitted by Lansing. The student would be a transfer-in for Lansing and a transfer-out for Detroit.

Students are counted as "transfer-out," if their district exit status codes are any of the following codes:

- 08 Enrolled in another district in Michigan
- 09 Moved out of state
- 12 Deceased
- 13 Incarcerated
- 14 Enrolled in home school
- 15 Enrolled in non-public school
- 17 Placed in a recovery or rehabilitative program

If a special education student reaches the age of 22, as of December 1, 2005, the student is considered a transfer-out.

Line 3. Retained in Grade (net)

The net retained in grade is calculated by subtracting the total number of students identified on Line 3A for the current graduation class from the number of students identified for the next highest graduating class. For example, the net retained-in-grade students for the class of 2009 (9th) would be calculated by taking the number of the students retained from the class of 2008 (10th) and subtracting the number of students retained from the class of 2009 (9th).

Line 3A. Students Retained in Grade for 2005-2006 School Year

If a UIC was reported for fall 2005 and/or spring 2006 as continuing and the same UIC was reported fall 2006 as continuing with the same grade level, then the student was considered retained in grade.

Line 4. Students Located in Other Districts

The total number of students considered "located" is the sum of all the students located over the spring 2006, end-of-year 2006, and fall 2006 SRSD Submission cycles.

Students who were missing or categorized as "dropouts" and were found attending different school districts through a statewide search of the school year 2005-2006 submissions were reclassified as "located." These students will be subtracted from the school/facility counts (i.e., treated as transferring out of the district). Since this function is only available at the state level, these counts cannot be edited.

The following exit codes may be considered dropouts if the student was not located in another district:

- 07 Dropped out of school
- 10 Expelled from the school district (no further services)
- 11 Enlisted in military or Job Corps
- 16 Unknown
- 18 Left adult education

A missing student record was one that:

- was submitted by a district (e.g., district A) **and**
- met the criteria to be included **and**
- was never submitted by that district (e.g., district A) again.

Line 5. Expected Fall 2006 Enrollment

The expected fall 2006 enrollment is the number of students who should be reported in the Fall 2006 SRSD Submission, based on the fall 2005 enrollment, transfers (including GED and other high school completers), retained in grade, and located students information.

The expected fall 2006 enrollment is calculated by the following formula:

(Fall 2005 enrollment + Transfer (net) + Retained in Grade (net)) – Students Located – GED Completers – Other High School Completers

Line 6. Fall 2006 Enrollment

The following are the criteria that a student's record had to meet to be included in any of the graduating classes:

- Field 23: District Exit Status equal to "19" **and**
- Field 19: Grade or Setting equal to "10," "11," or "12" **and**
- Field 30: Student Residency (Membership) not equal to "04," "07," "08" or "15" **and**
- combined general education and special education FTE is greater than or equal to 0.5 (Field 18: FTE, Field 40: FTE in Section 52, and Field 41: FTE in Section 53) **and**
- not an adult education participant (Field 29: Program Eligibility/Participation) **and**
- if a special education student, less than 22 years old as of December 1, 2006 (Field 9: Date of Birth).

This count should reflect the fall 2006 pupil count date, September 27, 2006.

In order to eliminate duplicate records within a school/facility, all selected students were sorted by the primary UIC, district code, building code, date of birth, grade (ascending order), date of enrollment (descending order), and the FTE sum (descending order). If two or more records matched, the record with the lowest grade, the most recent enrollment date, and the largest total FTE value was kept.

Line 7. Diploma Recipients

The total number of diploma recipients is the sum of students over the Spring 2006, End-of-Year 2006, and Fall 2006 SRSD Submission cycles. In order to be included in the count, the fall 2006 exit date must be on or before the fall 2006 count date.

The following criteria apply for the spring 2006, end-of-year 2006 and fall 2006 SRSD Submissions:

- If the student's grade level was equal to "09," "10," "11," or "12" **and**
- the exit code was equal to "01", "02", "03", or "04", **then**
- the student was considered a diploma recipient.

Line 8. Unaccounted-for Students (dropouts)

The number of dropouts is the number of students who were unaccounted for during the fall 2006 enrollment counts. This number represents the number of students who were expected to be included in the fall 2006 counts; however, the students were not included because they were not in attendance on count day.

The unaccounted-for students are calculated by the following formula:

(Expected Fall 2006 Enrollment – Fall 2006 Enrollment) – Diploma Recipients

Line 9. Class Retention (%)

The class retention rate represents the percentage of students who were "accounted-for."

The class retention rate is calculated by the following formula:

(((Fall 2006 Enrollment + Diploma Recipients) / Expected Fall 2006 Enrollment) * 100)

Line 10. Class Dropout (%)

The class dropout rate represents the percentage of students that cannot be accounted for. The retention rate is calculated for students who can be accounted for. Thus, students who cannot be accounted for are considered dropouts. For purposes of this report, the number of unaccounted for students (dropouts) are derived from the data provided by the district.

The class dropout rate is calculated by the following formula:

(100 – Class Retention Rate)

Line 11. One-Year Dropout Rate

The one-year dropout rate is the percentage of the total school/facility student population that cannot be accounted for. The dropout rate measures the percentage of students who did not return from the previous school year.

The one-year dropout rate is calculated by the following formula:

(100 – Total Class Retention Rate)

Line 12. Estimated four-year Graduation Rate

By definition, the calculation of the estimated four-year graduation rate indicates, with no change in future retention rates, the percentage of ninth-grade students who will complete their senior year of school, and graduate. It is computed by multiplying the individual class retention rates together.

The estimated four-year graduation rate is calculated by the following formula:

(((Class 2009 Retention Rate/100) * (Class 2008 Retention Rate/100) * (Class 2007 Retention Rate/100) * (Class 2006 Retention Rate/100)) * 100)

Line 13. GED Equivalency Certificate Recipients

The total number of GED-equivalency certificate recipients is the sum of certificate recipients over the Spring 2006, End-of-Year 2006, and Fall 2006 SRSD Submission cycles. In order to be included in the count, the fall 2006 exit date must be on or before the fall 2006 count date.

The following criteria apply for the spring 2006, end-of-year 2006 and fall 2006 SRSD Submissions.

- If the student's grade level was equal to "09," "10," "11," or "12" **and**
- the exit code was equal to "05", **then**
- the student was considered a GED-equivalency certificate recipient.

14. Other High School Completers

The total number of other high school completers is the sum of completers over the Spring 2006, End-of-Year 2006, and Fall 2006 SRSD Submission cycles. In order to be included in the count, the fall 2006 exit date must be on or before the fall 2006 count date.

The following criteria apply for the spring 2006, end-of-year 2006 and fall 2006 SRSD Submissions:

- If the student's grade level was equal to "09," "10," "11," or "12" **and**
- the exit code was equal to "06," "20," or "21," **then**
- the student was considered an "other" high school completer.

Appendix A

Student Mobility Categories

Categorization of Exit Codes into Student Mobility Categories 2005-2006 Graduation and Dropout Rate		
Exit Code	Exit Definition	Mobility Category
01	Graduated from general education with a diploma	Diploma Recipient
02	Graduated from general education with diploma & applied to a degree-granting college/university	Diploma Recipient
03	Graduated from an alternative program with a diploma	Diploma Recipient
04	Graduated from general education and applied to a non-degree-granting institution	Diploma Recipient
05	Completed general education with an equivalency certificate (GED)	GED Equivalency Recipients Transfer-Out
06	Completed general education with other certificate (e.g., certificate of attendance, district competency test)	Other High School Completer Transfer-Out
07	Dropped out of school	If not located, dropout
08	Enrolled in another district in Michigan	Transfer-Out
09	Moved out of state	Transfer-Out
10	Expelled from the school district (no further services)	If not located, dropout
11	Enlisted in military or Job Corps	If not located, dropout
12	Deceased	Transfer-Out
13	Incarcerated	Transfer-Out
14	Enrolled in home school	Transfer-Out
15	Enrolled in non-public school	Transfer-Out
16	Unknown	If not located, dropout
17	Placed in a recovery or rehabilitative program	Transfer-Out
18	Left Adult Education	If not located, dropout
19	Expected to continue in the same school district	Continuing
20	Received Special Education certificate of completion and exited the K-12 system	Other High School Completer Transfer-Out
21	Special Education - Reached maximum age and exited the K-12 system	Other High School Completer Transfer-Out